


# Inspiron 14 Plus 7440

## Owner's Manual

## Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

<b>Chapter 1: Views of Inspiron 14 Plus 7440.....</b>	<b>7</b>
Right.....	7
Left.....	7
Top.....	8
Front.....	9
Bottom.....	10
Service Tag.....	10
Battery-charge status light.....	11
<b>Chapter 2: Set up your Inspiron 14 Plus 7440.....</b>	<b>12</b>
<b>Chapter 3: Specifications of Inspiron 14 Plus 7440.....</b>	<b>14</b>
Dimensions and weight.....	14
Processor.....	14
Chipset.....	16
Operating system.....	17
Memory.....	17
External ports and slots.....	17
Internal slots.....	18
Wireless module.....	18
Audio.....	19
Storage.....	19
Media-card reader.....	19
Keyboard.....	20
Keyboard shortcuts of Inspiron 14 Plus 7440.....	20
Camera.....	22
Touchpad.....	22
Power adapter.....	22
Battery.....	23
Display.....	24
Fingerprint reader (optional).....	26
GPU—Integrated.....	26
Operating and storage environment.....	26
Dell support policy.....	27
ComfortView.....	27
ComfortView Plus.....	27
<b>Chapter 4: Working inside your computer.....</b>	<b>29</b>
Safety instructions.....	29
Before working inside your computer.....	29
Safety precautions.....	30
Electrostatic discharge—ESD protection.....	30
ESD Field Service kit .....	31
Transporting sensitive components.....	32

After working inside your computer.....	32
BitLocker.....	32
Recommended tools.....	32
Screw list.....	33
Major components of Inspiron 14 Plus 7440.....	34
<b>Chapter 5: Removing and installing Customer Replaceable Units (CRUs).....</b>	<b>36</b>
Base cover.....	36
Removing the base cover.....	36
Installing the base cover.....	38
Solid State Drive (SSD).....	40
Removing the M.2 2230 solid-state drive.....	40
Installing the M.2 2230 solid-state drive.....	41
Removing the M.2 2280 solid-state drive.....	42
Installing the M.2 2280 solid-state drive.....	43
Fan.....	44
Removing the fan.....	44
Installing the fan.....	45
Wireless card.....	46
Removing the wireless card.....	46
Installing the wireless card.....	47
<b>Chapter 6: Removing and installing Field Replaceable Units (FRUs).....</b>	<b>50</b>
Battery.....	50
Rechargeable Li-ion battery precautions.....	50
Removing the battery.....	50
Installing the battery.....	51
Battery cable.....	52
Removing the battery cable.....	52
Installing the battery cable.....	53
Display assembly.....	54
Removing the display assembly.....	54
Installing the display assembly.....	56
I/O board.....	58
Removing the I/O board.....	58
Installing the I/O board.....	59
Speaker and antenna assembly.....	60
Removing the speaker and antenna assembly.....	60
Installing the speaker and antenna assembly.....	61
Heat sink.....	63
Removing the heat sink .....	63
Installing the heat sink.....	64
Power-adaptor port.....	65
Removing the power-adaptor port.....	65
Installing the power-adaptor port.....	66
System board.....	67
Removing the system board.....	67
Installing the system board.....	70
USB board.....	73



Removing the USB board.....	73
Installing the USB board.....	75
Power button.....	77
Removing the power button.....	77
Installing the power button.....	79
Touchpad.....	82
Removing the touchpad.....	82
Installing the touchpad.....	83
I/O-board and USB-board cable.....	85
Removing the I/O-board and USB-board cable.....	85
Installing the I/O-board and USB-board cable.....	86
Palm-rest and keyboard assembly.....	87
Removing the palm-rest and keyboard assembly.....	87
Installing the palm-rest and keyboard assembly.....	88
<b>Chapter 7: Software.....</b>	<b>90</b>
Operating system.....	90
Drivers and downloads.....	90
<b>Chapter 8: BIOS Setup.....</b>	<b>91</b>
Entering BIOS Setup program.....	91
Navigation keys.....	91
F12 One Time Boot menu.....	91
System setup options.....	92
Updating the BIOS.....	101
Updating the BIOS in Windows.....	101
Updating the BIOS using the USB drive in Windows.....	101
Updating the BIOS from the One-Time boot menu.....	102
System and setup password.....	102
Assigning a System Setup password.....	103
Deleting or changing an existing system password or setup password.....	103
Clearing CMOS settings.....	103
Clearing system and setup passwords.....	104
<b>Chapter 9: Troubleshooting.....</b>	<b>105</b>
Handling swollen rechargeable Li-ion batteries.....	105
Locating the Service Tag or Express Service Code of your Dell computer .....	105
Dell SupportAssist Pre-boot System Performance Check diagnostics.....	106
Running the SupportAssist Pre-Boot System Performance Check.....	106
Built-in self-test (BIST).....	106
(Motherboard Built-In Self-Test) M-BIST.....	106
Logic Built-in Self-test (L-BIST).....	107
LCD Built-in Self-Test (LCD-BIST).....	107
System-diagnostic lights.....	108
Recovering the operating system.....	109
Real-Time Clock (RTC Reset).....	109
Backup media and recovery options.....	109
Network power cycle.....	109
Drain flea power (perform hard reset).....	110

**Chapter 10: Getting help and contacting Dell Technologies..... 111**

# Views of Inspiron 14 Plus 7440

## Right

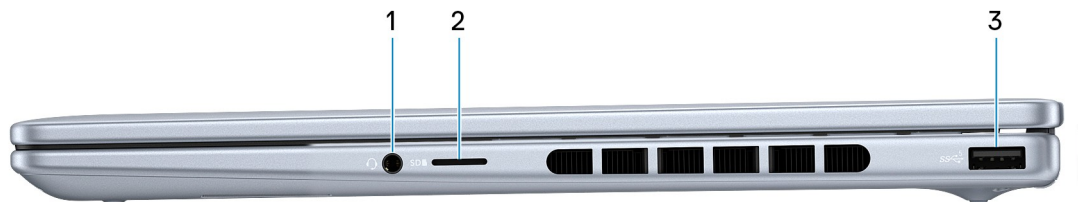


Figure 1. Right view

**1. Universal audio jack**

Connect headphones or a headset (headphone and microphone combo).

**2. microSD-card slot**

Reads from and writes to the microSD card. The computer supports the following card types:

- microSecure Digital (microSD)
- microSecure Digital High Capacity (microSDHC)
- microSecure Digital Extended Capacity (microSDXC)

**3. USB 3.2 Gen 1 (5 Gbps) port**

Connect devices such as external storage devices and printers. Provides data transfer speeds up to 5 Gbps.

## Left



Figure 2. Left view

**1. Power-adaptor port**

Connect a power adapter to provide power to your computer and charge the battery.

**2. Battery-status light**

Indicates the battery-charge status.

- Solid yellow - Battery charge is low.
- Blinking yellow - Battery charge is critical.

**3. HDMI 1.4 port**

Connect to a TV, external display or another HDMI-in enabled device. Provides video and audio output.

#### 4. USB 3.2 Gen 1 (5 Gbps) port

Connect devices such as external storage devices and printers. Provides data transfer speeds up to 5 Gbps.

#### 5. Thunderbolt 4.0 port with Power Delivery and DisplayPort

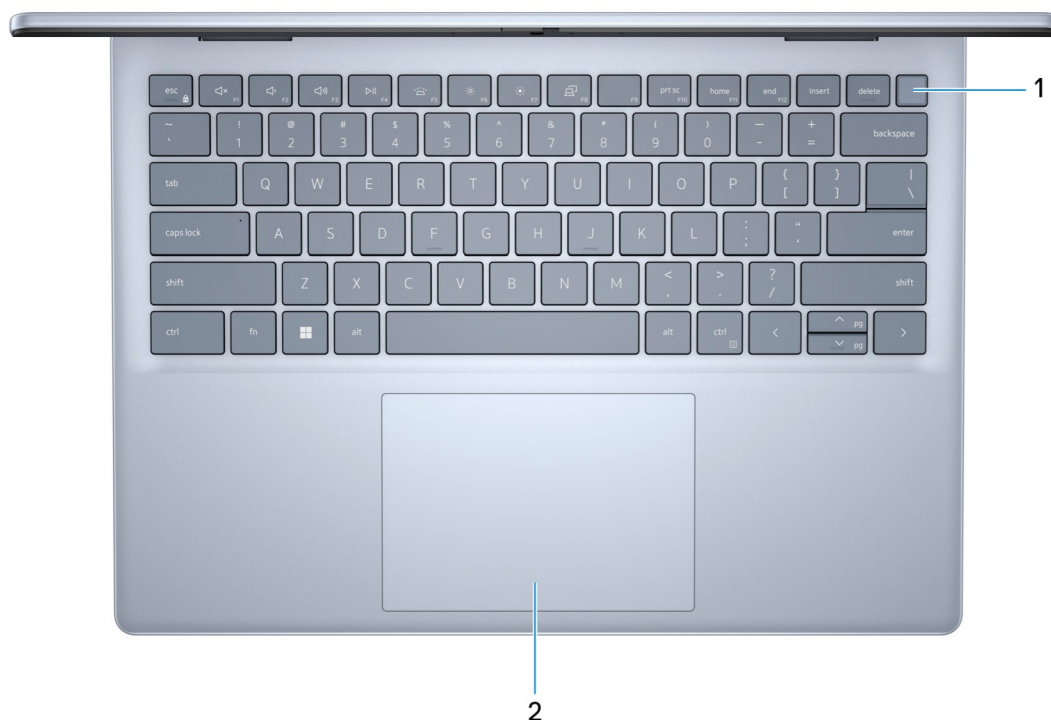
Supports Thunderbolt 4 and DisplayPort 1.4 (for computers shipped with 12th Generation Intel Core i5, 13th Generation Intel Core i5/i7 or Intel Core 5/7 processor) and DisplayPort 2.1 (for computers shipped with Intel Core Ultra 5/7/9 processor). The port also enables you to connect to an external display using a display adapter. Provides data transfer rates of up to 40 Gbps for Thunderbolt 4.

**NOTE:** You can connect a Dell Docking Station to the Thunderbolt 4 ports. For more information, search in the Knowledge Base Resource at [Dell Support Site](#).

**NOTE:** A USB Type-C to DisplayPort adapter (sold separately) is required to connect a DisplayPort device.

**NOTE:** Thunderbolt 4 supports two 4K displays or one 8K display.

## Top



**Figure 3. Top view**

#### 1. Power button with optional fingerprint reader

Press to turn on the computer if it is turned off, in sleep state, or in hibernate state.

When the computer is turned on, press the power button to put the computer into a sleep state; press and hold the power button for 10 seconds to force shut-down the computer.

If the power button has a fingerprint reader, place your finger on the power button steadily to log in.

**NOTE:** The power-status light on the power button is available only on computers without the fingerprint reader. Computers that are shipped with the fingerprint reader that is integrated on the power button will not have the power-status light on the power button.

**NOTE:** You can customize the power-button behavior in Windows.

## 2. Touchpad

Move your finger on the touchpad to move the mouse pointer. Tap to left-click and two fingers tap to right-click.

# Front



**Figure 4. Front view**

### 1. Left microphone

Provides digital sound input for audio recording and voice calls.

### 2. Privacy shutter

Slide the privacy shutter to cover the camera lens and protect your privacy when the camera is not in use.

### 3. Camera

Enables you to video chat, capture photos, and record videos.

### 4. Camera-status light

Turns on when the camera is in use.

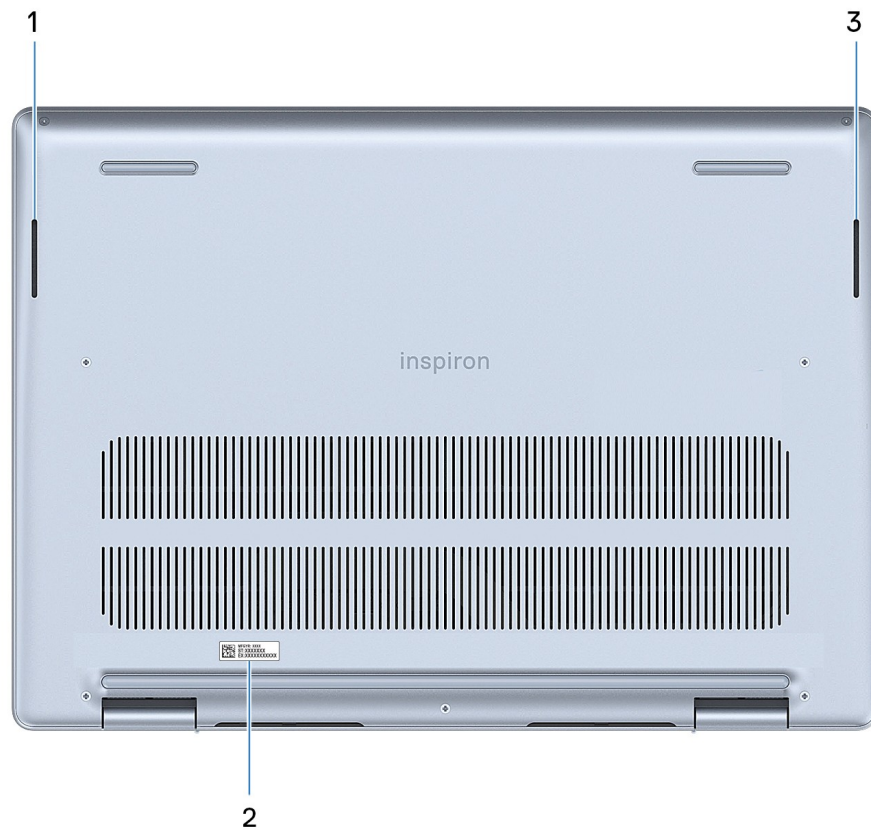
### 5. Right microphone

Provides digital sound input for audio recording and voice calls.

### 6. Display panel

Provides visual output to the user.

## Bottom



**Figure 5. Bottom view**

**1. Left speaker**

Provide audio output.

**2. Service Tag label**

The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your computer and access warranty information.

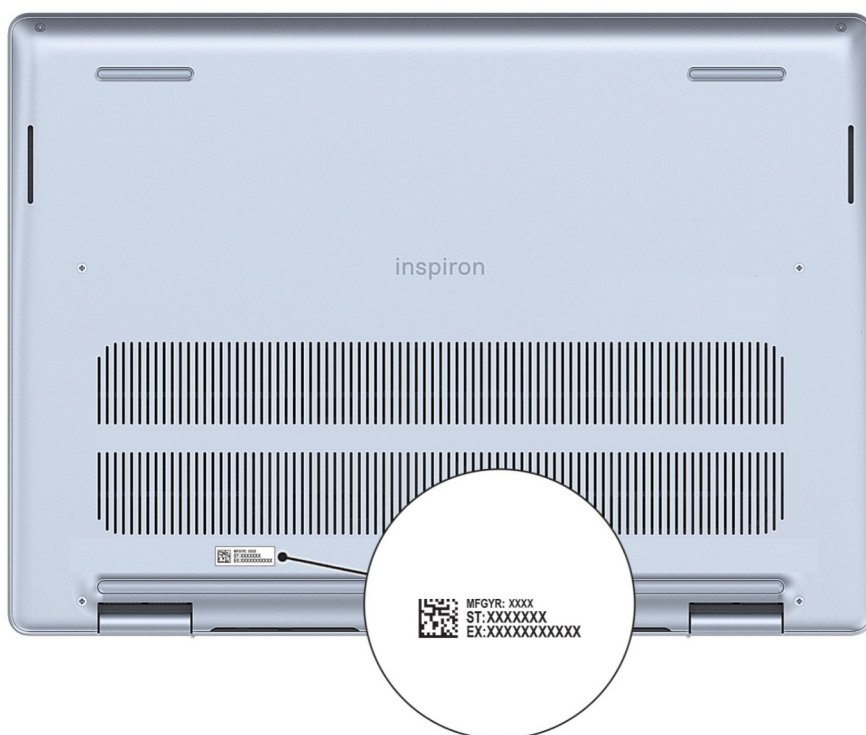
**3. Right speaker**

Provide audio output.

## Service Tag

The service tag is a unique alphanumeric identifier that allows Dell service technicians to identify the hardware components in your computer and access warranty information.





**Figure 6. Service Tag location**

## Battery-charge status light

The following table lists the battery-charge status light of your Inspiron 14 Plus 7440.

**Table 1. Battery charge and status light behavior**

Power source	LED behavior	System power state	Battery charge level
AC adapter	Off	S0 or S5	Fully charged
AC adapter	Solid white	S0 or S5	< Fully charged
Battery	Off	S0 or S5	11-100%
Battery	Solid amber (590+/-3 nm)	S0 or S5	< 10%

- S0 (ON): Computer is turned on.
- S4 (Hibernate): The computer consumes the least power in the Hibernate state than in the ON or OFF state. The computer is almost in the OFF state. The context data is written to a storage device, allowing you to resume from where you left when the computer is turned on.
- S5 (OFF): The computer is in a shutdown state.

# Set up your Inspiron 14 Plus 7440

## About this task

**NOTE:** The images in this document may differ from your computer depending on the configuration you ordered.

## Steps

1. Connect the power adapter and press the power button.



**Figure 7. Connect the power adapter**

**NOTE:** The battery may go into power-saving mode during shipment to conserve charge on the battery. Ensure that the power adapter is connected to your computer when it is turned on for the first time.

2. Finish the Windows setup.

Follow the on-screen instructions to complete the setup. When setting up, Dell Technologies recommends that you:

- Connect to a network for Windows updates.




**NOTE:** If connecting to a secured wireless network, enter the password for the wireless network access when prompted.

- If connected to the Internet, sign in with or create a Microsoft account. If not connected to the Internet, create an offline account.
- On the **Support and Protection** screen, enter your contact details.





3. Locate and use Dell apps from the Windows Start menu—Recommended.



**Table 2. Locate Dell apps in Windows in S-mode**

Resources	Description
	<b>Dell Product Registration</b> Register your computer with Dell.
	<b>Dell Help and Support</b> Access help and support for your computer.
	<b>SupportAssist</b> SupportAssist proactively and predictively identifies hardware and software issues on your computer and automates the engagement process with Dell Technical support. It addresses performance and stabilization issues, prevents security threats, monitors, and detects hardware failures. For more information, see <i>SupportAssist for Home PCs User's Guide</i> at <a href="#">Serviceability Tools at Dell Site</a> . Click <b>SupportAssist</b> and then, click <b>SupportAssist for Home PCs</b> . <i>NOTE:</i> In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.

**Table 3. Locate Dell apps in Windows**


Resources	Description
	<b>MyDell (replaced with Dell Optimizer)</b> Centralized location for key Dell applications, help articles, and other important information about your computer. It also notifies you about the warranty status, recommended accessories, and software updates if available.
	<b>Dell Update</b> Updates your computer with critical fixes and latest device drivers as they become available. For more information about using Dell Update, see the product guides and third-party license documents at <a href="#">Dell Support Site</a> .
	<b>Dell Digital Delivery</b> Download software applications, which are purchased but not preinstalled on your computer. For more information about using Dell Digital Delivery, search in the Knowledge Base Resource at <a href="#">Dell Support Site</a> .
	<b>SupportAssist</b> SupportAssist proactively and predictively identifies hardware and software issues on your computer and automates the engagement process with Dell Technical support. It addresses performance and stabilization issues, prevents security threats, monitors, and detects hardware failures. For more information, see <i>SupportAssist for Home PCs User's Guide</i> at <a href="#">Serviceability Tools at Dell Site</a> . Click <b>SupportAssist</b> and then, click <b>SupportAssist for Home PCs</b> . <i>NOTE:</i> In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.

# Specifications of Inspiron 14 Plus 7440

## Dimensions and weight

The following table lists the height, width, depth, and weight of your Inspiron 14 Plus 7440.


**Table 4. Dimensions and weight**

Description	Values
Height:	
Front height	15.99 mm (0.63 in.)
Rear height	17.06 mm (0.67 in.)
Width	314 mm (12.36 in.)
Depth	226.56 mm (8.92 in.)
Weight  <b>NOTE:</b> The weight of your computer depends on the configuration that is ordered.	1.77 kg (3.90 lb), maximum


## Processor

The following table lists the details of the processors that are supported for your Inspiron 14 Plus 7440.

**Table 5. Processor**

Description	Option one	Option two	Option three	Option four
Processor type	Intel Core Ultra 5 125H	Intel Core Ultra 7 155H	Intel Core Ultra 9 185H	12th Generation Intel Core i5-12450H
Processor wattage	28 W	28 W	45 W	45 W
Processor total core count	14	16	16	8
Performance-cores	4	6	6	4
Efficient-cores	8	8	8	4
Processor total thread counts  <b>NOTE:</b> Intel Hyper-Threading Technology is only available on Performance-cores.	18	22	22	12
Processor speed	Up to 4.5 GHz	Up to 4.8 GHz	Up to 5.1 GHz	Up to 4.4 GHz
Performance-cores frequency				
Processor base frequency	1.2 GHz	1.4 GHz	2.3 GHz	2 GHz
Maximum turbo frequency	4.5 GHz	4.8 GHz	5.1 GHz	4.4 GHz
Efficient-cores frequency				
Processor base frequency	0.7 GHz	0.9 GHz	1.8 GHz	1.5 GHz
Maximum turbo frequency	3.6 GHz	3.8 GHz	3.8 GHz	3.3 GHz
Processor cache	18 MB	24 MB	24 MB	12 MB
Integrated graphics	Intel Arc Graphics	Intel Arc Graphics	Intel Arc Graphics	Intel UHD Graphics

**Table 6. Processor**

Description	Option five	Option six	Option seven	Option eight
Processor type	13th Generation Intel Core i5-13420H	13th Generation Intel Core i7-13620H	Intel Core 5 210H	Intel Core 7 240H
Processor wattage	45 W	45 W	45 W	45 W
Processor total core count	8	10	8	10
Performance-cores	4	6	4	6
Efficient-cores	4	4	4	4
Processor total thread counts  <b>NOTE:</b> Intel Hyper-Threading Technology is only available on Performance-cores.	12	16	12	16
Processor speed	Up to 4.6 GHz	Up to 4.9 GHz	Up to 4.8 GHz	Up to 5.2 GHz
Performance-cores frequency				
Processor base frequency	2.1 GHz	2.4 GHz	2.2 GHz	2.5 GHz
Maximum turbo frequency	4.6 GHz	4.9 GHz	4.8 GHz	5.2 GHz
Efficient-cores frequency				
Processor base frequency	1.5 GHz	1.8 GHz	1.6 GHz	1.8 GHz
Maximum turbo frequency	3.4 GHz	3.6 GHz	3.6 GHz	4 GHz
Processor cache	12 MB	24 MB	12 MB	24 MB
Integrated graphics	Intel UHD Graphics	Intel UHD Graphics	Intel Graphics	Intel Graphics

## Chipset

The following table lists the details of the chipset that is supported by your Inspiron 14 Plus 7440.

**Table 7. Chipset**

Description	Option one	Option two
Processors	<ul style="list-style-type: none"> <li>12th Generation Intel Core i5</li> <li>13th Generation Intel Core i5/i7</li> <li>Intel Core Processor 5/7</li> </ul>	Intel Core Ultra Processor 5/7/9
Chipset	Integrated in the processor	Integrated in the processor
DRAM bus width	64-bit	64-bit

**Table 7. Chipset (continued)**

Description	Option one	Option two
Flash EPROM	32 MB	32 MB + 16 MB
PCIe bus	Up to Gen4	Up to Gen4

## Operating system

Your Inspiron 14 Plus 7440 supports the following operating systems:

- Windows 11 Pro, 64-bit
- Windows 11 Pro National Education, 64-bit
- Windows 11 Home, 64-bit

## Memory

The following table lists the memory specifications of your Inspiron 14 Plus 7440.

**Table 8. Memory specifications**

Description	In computers shipped with 12th Generation Intel Core i5 or 13th Generation Intel Core i5/i7 processor	In computers shipped with Intel Core Ultra 5/7/9 processor	In computers shipped with Intel Core 5/7 processor
Memory slots	Onboard memory (no slots)	Onboard memory (no slots)	Onboard memory (no slots)
Memory type	Dual-channel LPDDR5x	Dual-channel LPDDR5x	Dual-channel LPDDR5x
Memory speed	4800 MT/s	6400 MT/s	5200 MT/s
Maximum memory configuration	16	16	16
Minimum memory configuration	16	32	16
Memory configurations supported	16 GB: 2 x 8 GB, LPDDR5x, dual-channel, 4800 MT/s	<ul style="list-style-type: none"><li>• 16 GB: 2 x 8 GB, LPDDR5x, dual-channel, 6400 MT/s</li><li>• 32 GB: 2 x 16 GB, LPDDR5x, dual-channel, 6400 MT/s</li></ul>	16 GB: 2 x 8 GB, LPDDR5x, dual-channel, 5200 MT/s

## External ports and slots

The following table lists the external ports and slots on your Inspiron 14 Plus 7440.

**Table 9. External ports and slots**

Description	Values
USB ports	<ul style="list-style-type: none"><li>• Two USB 3.2 Gen 1 (5 Gbps) ports</li><li>• One Thunderbolt 4 port with DisplayPort Alt Mode and Power Delivery</li></ul>
Audio port	One universal audio jack
Video port(s)	One HDMI 1.4 port


**Table 9. External ports and slots (continued)**

Description	Values
Media-card reader	One microSD-card slot
Power-adaptor port	One 4.50 mm x 2.90 mm DC-in
Security-cable slot	Not supported

## Internal slots

The following table lists the internal slots of your Inspiron 14 Plus 7440.


**Table 10. Internal slots**

Description	Values
M.2	<ul style="list-style-type: none"> <li>One M.2 2230 slot for WiFi and Bluetooth combo card</li> <li>One M.2 2230 or M.2 2280 slot for solid-state drive</li> </ul> <p> <b>NOTE:</b> To learn more about the features of different types of M.2 cards, search in the Knowledge Base Resource at <a href="#">Dell Support Site</a>.</p>

## Wireless module

The following table lists the Wireless Local Area Network (WLAN) module specifications of your Inspiron 14 Plus 7440.

**Table 11. Wireless module specifications**

Description	In computers shipped with 12th Generation Intel Core i5, 13th Generation Intel Core i5/i7, or Intel Core 5/7 processor	In computers shipped with Intel Core Ultra 5/7/9 processor	In computers shipped with Intel Core Ultra 5/7/9 processor
Model number	Realtek RTL8852BE	Intel AX211	Intel BE200
Transfer rate	Up to 1201 Mbps	Up to 2400 Mbps	Up to 5760 Mbps
Frequency bands supported	2.4 GHz/5 GHz	2.4 GHz/5 GHz/6 GHz	2.4 GHz/5 GHz/6 GHz
Wireless standards	<ul style="list-style-type: none"> <li>WiFi 802.11a/b/g</li> <li>Wi-Fi 4 (WiFi 802.11n)</li> <li>Wi-Fi 5 (WiFi 802.11ac)</li> <li>Wi-Fi 6 (WiFi 802.11ax)</li> </ul>	<ul style="list-style-type: none"> <li>WiFi 802.11a/b/g</li> <li>Wi-Fi 4 (WiFi 802.11n)</li> <li>Wi-Fi 5 (WiFi 802.11ac)</li> <li>Wi-Fi 6E (WiFi 802.11ax)</li> </ul>	<ul style="list-style-type: none"> <li>WiFi 802.11a/b/g</li> <li>Wi-Fi 4 (WiFi 802.11n)</li> <li>Wi-Fi 5 (WiFi 802.11ac)</li> <li>Wi-Fi 6E (WiFi 802.11ax)</li> <li>Wi-Fi 7 (WiFi 802.11be)</li> </ul>
Encryption	<ul style="list-style-type: none"> <li>64-bit/128-bit WEP</li> <li>AES-CCMP</li> <li>TKIP</li> </ul>	<ul style="list-style-type: none"> <li>64-bit/128-bit WEP</li> <li>AES-CCMP</li> <li>TKIP</li> </ul>	<ul style="list-style-type: none"> <li>64-bit/128-bit WEP</li> <li>AES-CCMP</li> <li>TKIP</li> </ul>
Bluetooth wireless card	Bluetooth 5.3 wireless card	Bluetooth 5.3 wireless card	Bluetooth 5.4 wireless card
	<p> <b>NOTE:</b> The functionality of the Bluetooth wireless card may vary depending on the operating system that is installed on your computer.</p>		



## Audio

The following table lists the audio specifications of your Inspiron 14 Plus 7440.

**Table 12. Audio specifications**

Description		Values
Audio controller		Realtek ALC3254
Stereo conversion		Supported
Internal audio interface		High-definition audio interface
External audio interface		One universal audio jack
Number of speakers		2
Internal-speaker amplifier		Supported
External volume controls		Keyboard shortcut controls
Speaker output:		
	Average	2 W x 2 = 4 W
	Peak	2.5 W x 2 = 5 W
Microphone		Digital-array microphones in camera assembly

## Storage

This section lists the storage options on your Inspiron 14 Plus 7440.

Your Inspiron 14 Plus 7440 supports one M.2 2230 or M.2 2280 solid-state drive. The primary drive of your Inspiron 14 Plus 7440 is the M.2 solid-state drive installed.

**Table 13. Storage specifications**

Storage type	Interface type	Capacity
M.2 2230 solid-state drive	PCIe NVMe Gen4 x4, up to 64 Gbps	Up to 1 TB
M.2 2280 solid-state drive	PCIe NVMe Gen4 x4, up to 64 Gbps	Up to 2 TB

## Media-card reader

The following table provides the specification of media cards that are supported by your Inspiron 14 Plus 7440.

**Table 14. Media-card reader specifications**

Description	Values
Media-card slot type	One microSD card slot
Media-cards supported	<ul style="list-style-type: none"><li>• microSecure Digital (microSD)</li><li>• microSecure Digital High Capacity (microSDHC)</li><li>• microSecure Digital Extended Capacity (microSDXC)</li></ul>

Table 14. Media-card reader specifications (continued)

Description	Values
<div><div></div><div><b>NOTE:</b> The maximum capacity that is supported by the media-card reader varies depending on the standard of the media card that is installed on your computer.</div></div>	

## Keyboard

The following table lists the keyboard specifications of your Inspiron 14 Plus 7440.

Table 15. Keyboard specifications

Description	Values
Keyboard type	<ul style="list-style-type: none"><li>Standard AI hotkey non-backlit keyboard (for computers shipped with 12th Generation Intel Core i5 processor only)</li><li>Standard backlit keyboard</li><li>Standard AI hotkey backlit keyboard</li></ul>
Keyboard layout	QWERTY
Number of keys	<ul style="list-style-type: none"><li>United States and Canada: 79 keys</li><li>United Kingdom: 80 keys</li><li>Japan: 83 keys</li></ul>
Keyboard size	X=19.05 mm key pitch Y=18.05 mm key pitch
Keyboard shortcuts	<p>Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key.</p> <div><div></div><div><b>NOTE:</b> You can define the primary behavior of the function keys (F1–F12) changing <b>Function Key Behavior</b> in the BIOS setup program.</div></div> <div><div></div><div><b>NOTE:</b> If Copilot in Windows is not available on your computer, pressing the Copilot key launches Windows search. For more information about Copilot in Windows, search in the Knowledge Base Resource at the <a href="#">Dell Support site</a>.</div></div>

## Keyboard shortcuts of Inspiron 14 Plus 7440

**NOTE:** Keyboard characters may differ depending on the keyboard language configuration. Keys used for shortcuts remain the same across all language configurations.



Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. The symbol shown on the lower part of the key refers to the character that is typed out when the key is pressed. If you press shift and the key, the symbol shown on the upper part of the key is typed out. For example, if you press **2**, **2** is typed out; if you press **shift + 2**, **@** is typed out.

The keys F1-F12 at the top row of the keyboard are function keys for multi-media control, as indicated by the icon at the bottom of the key. Press the function key to invoke the task represented by the icon. For example, pressing F1 mutes the audio (see the table below).




However, if the function keys F1-F12 are needed for specific software applications, multi-media functionality can be disabled by pressing **fn** + **Esc**. Subsequently, multi-media control can be invoked by pressing **fn** and the respective function key. For example, mute audio by pressing **fn** + **F1**.

**Table 16. List of keyboard shortcuts**

Function key	Primary behavior
F1	Mute audio
F2	Decrease volume
F3	Increase volume
F4	Play/Pause
F5	Keyboard-backlight  <b>NOTE:</b> Toggle to cycle the keyboard backlight status through off, low-backlight, and high-backlight  <b>NOTE:</b> Not applicable to computers shipped with 12th Generation Intel Core i5 processor.
F6	Decrease brightness
F7	Increase brightness
F8	Switch to external display
F10	Print screen
F11	Home
F12	End

The **fn** key is also used with selected keys on the keyboard to invoke other secondary functions.

**Table 17. Secondary behavior**

Function key	Behavior
fn + B	Pause/Break
fn + S	Toggle scroll lock
fn + R	System request
fn + T	Toggle Ultra performance mode
fn + Right ctrl	Open the application menu
fn + /  <b>NOTE:</b> Brazilian keyboard only	Open the application menu
fn + Space bar	Open Emoji menu
fn + esc	Toggle fn-key lock
fn + Left arrow	Home
fn + Right arrow	End
fn + Copilot	Open the application menu

# Camera

The following table lists the camera specifications of your Inspiron 14 Plus 7440.

Table 18. Camera specifications

Description		Values
Number of cameras		One
Camera type		FHD camera
Camera location		Front camera
Camera sensor type		CMOS sensor technology
Camera resolution:		
	Still image	2.07 megapixel
	Video	1920 x 1080 (FHD) at 30 fps
Diagonal viewing angle		82.2 degrees

# Touchpad

The following table lists the touchpad specifications of your Inspiron 14 Plus 7440.

Table 19. Touchpad specifications

Description		Values
Touchpad resolution:		> 300 dpi
Touchpad dimensions:		
	Horizontal	115 mm (4.53 in.)
	Vertical	80 mm (3.15 in.)
Touchpad gestures		For more information about the touchpad gestures available on Windows, see the Microsoft Knowledge Base article at <a href="#">Microsoft Support Site</a> .


# Power adapter

The following table lists the power adapter specifications of your Inspiron 14 Plus 7440.

Table 20. Power-adapter specifications

Description		For computers shipped with 12th Generation Intel Core i5 processor	For computers shipped with 13th Generation Intel Core i5/i7, Intel Core Ultra 5/7/9, or Intel Core 5/7 processor	For computers shipped with Intel Core Ultra 5/7/9 processor
Type		65 W AC, 4.50 mm barrel (65 W DC-in, 4.50 mm E4)	90 W AC, 4.50 mm barrel (90 W DC-in, 4.50 mm E4)	100 W, USB Type-C (100 W, USB Type-C for Intel Evo)
Connector dimensions:				
	External diameter	4.50 mm	4.50 mm	Not applicable

**Table 20. Power-adaptor specifications (continued)**

Description		For computers shipped with 12th Generation Intel Core i5 processor	For computers shipped with 13th Generation Intel Core i5/i7, Intel Core Ultra 5/7/9, or Intel Core 5/7 processor	For computers shipped with Intel Core Ultra 5/7/9 processor
	Internal diameter	2.90 mm	2.90 mm	Not applicable
	Input voltage	100 VAC–240 VAC	100 VAC–240 VAC	100 VAC–240 VAC
	Input frequency	50 Hz–60 Hz	50 Hz–60 Hz	50 Hz–60 Hz
	Input current (maximum)	1.70 A	1.50 A	1.70 A
	Output current (continuous)	3.34 A	4.62 A	<ul style="list-style-type: none"> <li>• 20 V/5 A</li> <li>• 15 V/3 A</li> <li>• 9 V/3 A</li> <li>• 5 V/3 A</li> </ul>
	Rated output voltage	19.50 VDC	19.50 VDC	<ul style="list-style-type: none"> <li>• 20 V</li> <li>• 15 V</li> <li>• 9 V</li> <li>• 5 V</li> </ul>
Temperature range:				
	Operating	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
	Storage	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
	GPU—Integrated	Intel UHD Graphics	<ul style="list-style-type: none"> <li>• Intel UHD Graphics</li> <li>• Intel Arc Graphics</li> </ul>	Intel Arc Graphics
 <b>CAUTION:</b> Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.				

## Battery

The following table lists the battery specifications of your Inspiron 14 Plus 7440.

**Table 21. Battery specifications**

Description		In computers shipped with 12th Generation Intel Core i5, 13th Generation Intel Core i5/i7, Intel Core Ultra 5/7/9, or Intel Core 5/7 processor	In computers shipped with Intel Core Ultra 5/7/9 processor
	Battery type	4-cell, 54 Wh "smart" lithium-ion	4-cell, 64 Wh "smart" lithium-ion
	Battery voltage	15 VDC	15.20 VDC
	Battery weight (maximum)	0.235 kg (0.52 lb)	0.260 kg (0.57 lb)
Battery dimensions:			
	Height	5.75 mm (0.23 in.)	5.75 mm (0.23 in.)
	Width	271.90 mm (10.70 in.)	271.90 mm (10.70 in.)
	Depth	82 mm (3.23 in.)	82 mm (3.23 in.)
Temperature range:			

**Table 21. Battery specifications (continued)**

Description		In computers shipped with 12th Generation Intel Core i5, 13th Generation Intel Core i5/i7, Intel Core Ultra 5/7/9, or Intel Core 5/7 processor	In computers shipped with Intel Core Ultra 5/7/9 processor
	Operating	<ul style="list-style-type: none"> <li>Charge: 0°C to 45°C (32°F to 113°F):</li> <li>Discharge: 0°C to 70°C (32°F to 158°F)</li> </ul>	<ul style="list-style-type: none"> <li>Charge: 0°C to 45°C (32°F to 113°F):</li> <li>Discharge: 0°C to 70°C (32°F to 158°F)</li> </ul>
	Storage	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Battery operating time		Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Battery charging time (approximate) <b>i NOTE:</b> You can control the charging time, duration, start and end time, and so on, using the Dell Power Manager application. For more information about Dell Power Manager, search in the Knowledge Base Resource at <a href="#">Dell Support Site</a> .		<ul style="list-style-type: none"> <li>2 hours (ExpressCharge)</li> <li>3 hours (standard charge)</li> </ul>	<ul style="list-style-type: none"> <li>2 hours (ExpressCharge)</li> <li>3 hours (standard charge)</li> </ul>
Coin-cell battery		Not supported	Not supported
<b>⚠ CAUTION:</b> Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.			
<b>⚠ CAUTION:</b> Dell Technologies recommends that you charge the battery regularly for optimal power consumption.			

## Display

The following table lists the display specifications of your Inspiron 14 Plus 7440.

**Table 22. Display specifications**

Description	For computers shipped with 12th Generation Intel Core i5 processor or 13th Generation Intel Core i5/i7 processor	For computers shipped with 12th Generation Intel Core i5 processor, 13th Generation Intel Core i5/i7, or Intel Core Ultra 5/7/9 processor	For computers shipped with Intel Core Ultra 5/7/9 processor	For computers shipped with Intel Core 5/7 processor	For computers shipped with Intel Core 5/7 processor	For computers shipped with Intel Core 5/7 processor
Display type	14-inch, Full High Definition Plus (FHD+) with ComfortView	14-inch, 2.2K with Dolby Vision	14-inch, 2.8K with Dolby Vision	14-inch, Full High Definition Plus (FHD+) with ComfortView	14-inch, 2.5K with ComfortView Plus	14-inch, 2.5K with ComfortView Plus
Touch options	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported
Display-panel technology	Wide-viewing angle (WVA)	Wide-viewing angle (WVA)	Wide-viewing angle (WVA)	Wide-viewing angle (WVA)	Wide-viewing angle (WVA)	Wide-viewing angle (WVA)

**Table 22. Display specifications (continued)**

Description		For computers shipped with 12th Generation Intel Core i5 processor or 13th Generation Intel Core i5/i7 processor	For computers shipped with 12th Generation Intel Core i5 processor, 13th Generation Intel Core i5/i7, or Intel Core Ultra 5/7/9 processor	For computers shipped with Intel Core Ultra 5/7/9 processor	For computers shipped with Intel Core 5/7 processor	For computers shipped with Intel Core 5/7 processor	For computers shipped with Intel Core 5/7 processor
Display-panel dimensions (active area):							
	Height	301.59 mm (11.87 in.)	301.59 mm (11.87 in.)	301.59 mm (11.87 in.)	301.59 mm (11.87 in.)	301.59 mm (11.87 in.)	301.59 mm (11.87 in.)
	Width	188.50 mm (7.42 in.)	188.50 mm (7.42 in.)	188.50 mm (7.42 in.)	188.50 mm (7.42 in.)	188.50 mm (7.42 in.)	188.50 mm (7.42 in.)
	Diagonal	355.65 mm (14 in.)	355.65 mm (14 in.)	355.65 mm (14 in.)	355.65 mm (14 in.)	355.65 mm (14 in.)	355.65 mm (14 in.)
Display-panel native resolution		1920 x 1200	2240 x 1400	2880 x 1800	1920 x 1200	2560 x 1600	2560 x 1600
Luminance (typical)		250 nits	300 nits	300 nits	300 nits	300 nits	300 nits
Megapixels		2.3	3.10	5.18	2.3	4.1	4.1
Color gamut		45% NTSC (typical)	100% sRGB (typical)	100% sRGB (typical)	45% NTSC (typical)	100% sRGB (typical)	100% sRGB (typical)
Pixels Per Inch (PPI)		141	189	243	162	216	216
Contrast ratio (typical)		<ul style="list-style-type: none"> <li>600:1 (minimum)</li> <li>800:1 (typical)</li> </ul>	<ul style="list-style-type: none"> <li>1000:1 (minimum)</li> <li>1200:1 (typical)</li> </ul>	<ul style="list-style-type: none"> <li>1000:1 (minimum)</li> <li>1200:1 (typical)</li> </ul>	<ul style="list-style-type: none"> <li>600:1 (minimum)</li> <li>800:1 (typical)</li> </ul>	<ul style="list-style-type: none"> <li>1000:1 (minimum)</li> <li>1200:1 (typical)</li> </ul>	<ul style="list-style-type: none"> <li>1000:1 (minimum)</li> <li>1200:1 (typical)</li> </ul>
Response time (maximum)		35 ms	35 ms	35 ms	35 ms	35 ms	35 ms
Refresh rate		60 Hz	60 Hz	90 Hz	60 Hz	90 Hz	120 Hz
Horizontal view angle		<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>	<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>	<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>	<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>	<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>	<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>
Vertical view angle		<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>	<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>	<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>	<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>	<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>	<ul style="list-style-type: none"> <li>+/- 80 degrees (minimum)</li> <li>+/- 85 degrees (typical)</li> </ul>
Pixel pitch		0.1571 mm x 0.1571 mm	0.1346 mm x 0.1346 mm	0.1047 mm x 0.1047 mm	0.1571 mm x 0.1571 mm	0.1178 mm x 0.1178 mm	0.1178 mm x 0.1178 mm
Power consumption (maximum)		3.1 W (at mosaic pattern, 60 Hz)	4.40 W (at mosaic pattern, 60 Hz)	4.63 W (at mosaic pattern, 90 Hz)	3.68 W (at mosaic pattern, 60 Hz)	4.63 W (at mosaic pattern, 90 Hz)	4.8 W (at mosaic pattern, 120 Hz)



Table 22. Display specifications (continued)

Description	For computers shipped with 12th Generation Intel Core i5 processor or 13th Generation Intel Core i5/i7 processor	For computers shipped with 12th Generation Intel Core i5 processor, 13th Generation Intel Core i5/i7, or Intel Core Ultra 5/7/9 processor	For computers shipped with Intel Core Ultra 5/7/9 processor	For computers shipped with Intel Core 5/7 processor	For computers shipped with Intel Core 5/7 processor	For computers shipped with Intel Core 5/7 processor
Anti-glare vs glossy finish	Anti-glare	Anti-glare	Anti-glare	Anti-glare	Anti-glare	Anti-glare

## Fingerprint reader (optional)

The following table lists the specifications of the optional fingerprint-reader of your Inspiron 14 Plus 7440.

Table 23. Fingerprint reader specifications

Description	Values
Sensor technology	Trans-capacitive sensing
Sensor resolution	500 dpi
Sensor pixel size	108 x 88 pixels

## GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Inspiron 14 Plus 7440.

Table 24. GPU—Integrated

Controller	Memory size	Processor
Intel UHD Graphics	Shared system memory	12th Generation Intel Core i5
Intel UHD Graphics	Shared system memory	13th Generation Intel Core i5/i7
Intel Arc Graphics	Shared system memory	Intel Core Ultra Processor 5/7/9
Intel Graphics	Shared system memory	Intel Core Processor 5/7

## Operating and storage environment


This table lists the operating and storage specifications of your Inspiron 14 Plus 7440.

**Airborne contaminant level:** G1 as defined by ISA-S71.04-1985

Table 25. Computer environment

Description	Operating	Storage
Temperature range	0°C to 35°C (32°F to 95°F)	-40°C to 65°C (-40°F to 149°F)
Relative humidity (maximum)	10% to 90% (non-condensing)	0% to 95% (non-condensing)
Vibration (maximum)*	0.66 GRMS	1.30 GRMS

**Table 25. Computer environment (continued)**

Description	Operating	Storage
Shock (maximum)	110 G†	160 G†
Altitude range	-15.2 m to 3048 m (-49.87 ft to 10,000 ft)	-15.2 m to 10,668 m (-49.87 ft to 35,000 ft)
 <b>CAUTION:</b> Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.		


\* Measured using a random vibration spectrum that simulates the user environment.

† Measured using a 2 ms half-sine pulse.

## Dell support policy

For information about Dell support policy, search in the Knowledge Base Resource at [Dell Support Site](#).

## ComfortView

 **WARNING:** Prolonged exposure to blue light from the display may lead to long-term effects such as eye strain, eye fatigue, or damage to the eyes.

Blue light is a color in the light spectrum which has a short wavelength and high energy. Chronic exposure to blue light, particularly from digital sources, may disrupt sleep patterns and cause long-term effects such as eye strain, eye fatigue, or damage to the eyes.

Dell ComfortView software technology reduces harmful blue light emissions to make extended screen time easy on your eyes.


ComfortView mode can be enabled and configured using the Dell CinemaColor application.

ComfortView mode complies with TÜV Rheinland's requirement for low blue light displays.

To reduce the risk of eye strain, it is also recommended that you:

- Position the display at a comfortable viewing distance between 20 and 28 inches (50 cm and 70 cm) from your eyes.
- Blink frequently to moisten your eyes, wet your eyes with water, or apply suitable eye drops.
- Take an extended break for 20 minutes every two hours.
- Look away from your display, and gaze at a distant object at 20 ft (609.60 cm) away for at least 20 seconds during each break.

## ComfortView Plus

 **WARNING:** Prolonged exposure to blue light from the display may lead to long-term effects such as eye strain, eye fatigue, or damage to the eyes.

Blue light is a color in the light spectrum which has a short wavelength and high energy. Chronic exposure to blue light, particularly from digital sources may disrupt sleep patterns and cause long-term effects such as eye strain, eye fatigue, or damage to the eyes.

The display on this computer is designed to minimize blue light and complies with TÜV Rheinland's requirement for low blue light displays.

Low blue light mode is enabled at the factory, so no further configuration is necessary.

To reduce the risk of eye strain, it is also recommended that you:

- Position the display at a comfortable viewing distance between 20 and 28 inches (50 cm and 70 cm) from your eyes.
- Blink frequently to moisten your eyes, wet your eyes with water, or apply suitable eye drops.
- Take an extended break for 20 minutes every two hours.

- Look away from your display, and gaze at a distant object at 20 ft (609.60 cm) away for at least 20 seconds during each break.